

## LIMITED WARRANTY

Thank you for purchasing the A/C SAFE Universal Window Air Conditioner Support.

This product is warranted against defects in material and workmanship for two years from date of purchase. Any unit or component part found to be defective during this period will be repaired or replaced. Contact Customer Service at 1-800-797-3709 for replacement instructions. Proof of purchase is required to validate this warranty. Improper installation, misuse, modifications, changes or adaptations to this product void the warranty. Liability for failure due to normal wear and consequential or incidental damages is expressly disclaimed. No other warranty is expressed or implied.

www.ac-safe.com  
Outland Engineering Inc., 167 Cherry St.  
PMB 280, MILFORD CT 06460, U.S.A.

## A/C SAFE® SUPPORT INSTRUCTIONS

For Models AC-080 and AC-160

### PRECAUTIONS:

- 1) Air conditioner weight not to exceed 80 lbs. for Model AC-080 or 160 lbs. for Model AC-160 - check manufacturer's specifications or contact retailer if uncertain.
- 2) Window sill must be solid and in good condition for A/C Support to be properly anchored - do not position air conditioner until A/C Support is completely secured.

*Note: Some vinyl windows feature foam filled or hollow sills. A/C Safe must be anchored firmly into solid material (ie. wood, cement, etc.) to support the air conditioner.*

- 3) These instructions represent typical mounting conditions but, due to countless numbers of window patterns, some experimentation may be necessary in order to determine optimum mounting position.

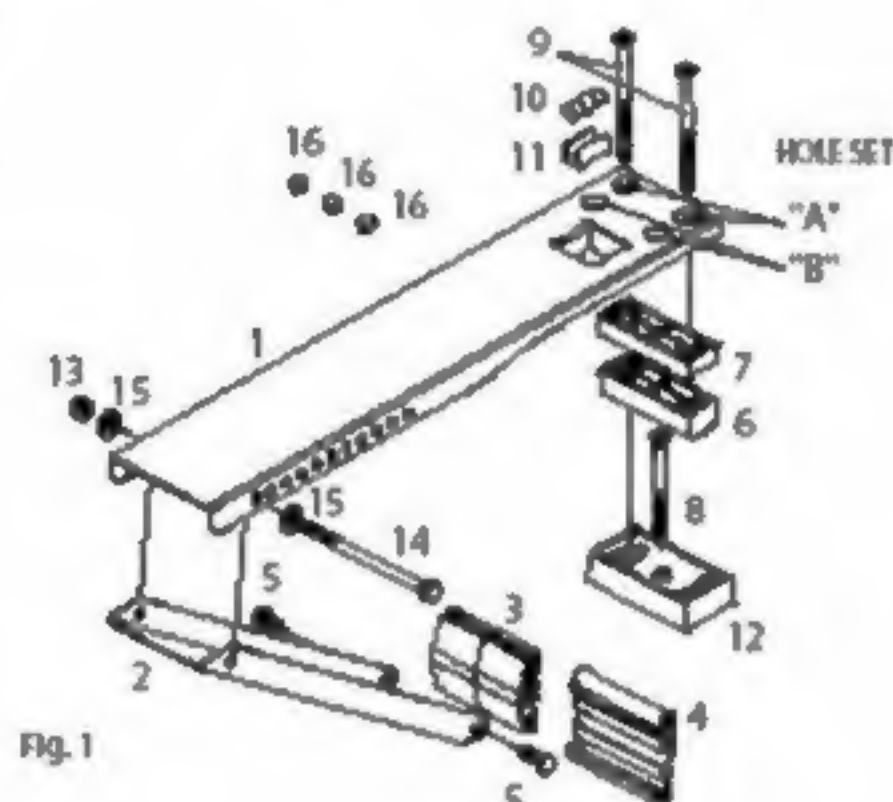
### A. PREPARATIONS:

- 1) Tools Required: two wrenches or sockets 7/16"; drill with 5/32" bit; Phillips head screwdriver; tape measure; pencil.
- 2) Parts Confirmation: some pieces are preassembled; match parts against Figure 1 and the CHECKLIST; contact Customer Service (800) 797-3709 for replacement of any missing items or further installation instructions.

## PARTS CHECKLIST FOR MODELS AC-080 and AC-160

### ITEMS QTY DESCRIPTION

#1	1	Body
#2	1	Leg
#3	1	Foot
#4	1	Pad, rubber
#5	2	Drive screw, #14 x 1/2"
#6	1	Spacer, rounded
#7	1	Spacer, flat
#8	1	Screw, #12 x 3" - Silver
#9	2	Screw, Tapcon 1/4 x 3 1/4" - Blue
#10	1	Level, bubble
#11	1	Mount, plastic
#12	1	Block, concave
#13	1	Nut, hex 1/4-20 self-locking
#14	1	Bolt, hex head 1/4-20 x 3 3/4"
#15	2	Washer, 1/4 x 5/8"
#16	3	Plug, nylon



### B. INSTALLATION

#### 1) Locating Air Conditioner Center of Gravity:

The compressor is the heaviest component in an air conditioner and usually mounted to one side; partially lift one side at a time to determine if "heavy" side is left or right in relation to front of air conditioner; if both sides feel the same, weight is "balanced".

- 2) Establishing Sill Position: measure width of window sill and mark center where sill and stool meet; place concave block #12 on sill and against bottom of stool - Figures 2a & 2b; align center line of concave block with center mark on sill; add rounded spacer; move block away from stool until top of concave block and rounded spacer

are even with top of stool **a** note: if air conditioner has adjustable window panel frame, **b** continue moving concave block until frame fits between block and stool **note: if A/C Support contacts storm window frame, c** add flat spacer **Weight Adjustment** Figure 2b; mark hole in center of block. If air conditioner weight is "balanced", use center mark; if "heavy" side is to the left, or to right, remake the mark 3 inches towards the heavy side.

**DRILL**  
5/32" x 2" deep hole into mark on sill; secure block #12 with screw #8 through center hole.

*Note: Some vinyl windows feature foam filled or hollow sills. A/C Support must be anchored firmly into solid material (ie. wood, cement, etc.) to support the air conditioner. Be sure the mounting screws pass through the sill and are secure in solid material.*

- 3) Aligning with and Mounting to Sill: if obstacle (ie. storm window, etc.) on sill, check to see if body will clear using the rounded spacer and block; if not, build up body with flat spacer. If flat spacer does not provide enough height call 800-797-3709 for additional spacer(s). Figure 3; note: build-up may be higher than stool but A/C SAFE will maintain support; place pair of blue screws #9 through body hole set "A" (unless hole set "B" is necessary) and through spacer combination; note: fasten screws until they are flush with body mounting holes - do not tighten body and spacer combination; body should now be loosely secured to sill with a small amount of play.

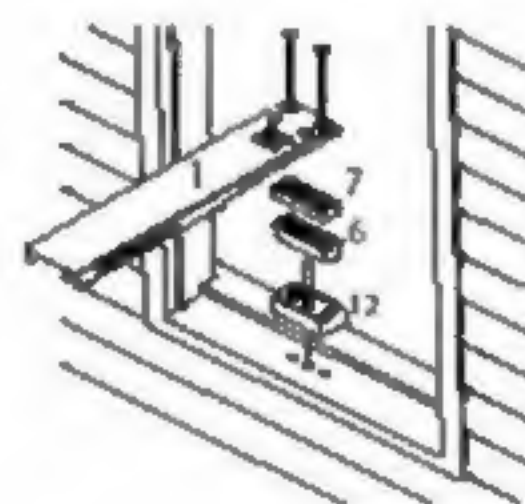


Fig. 3



Fig. 2a

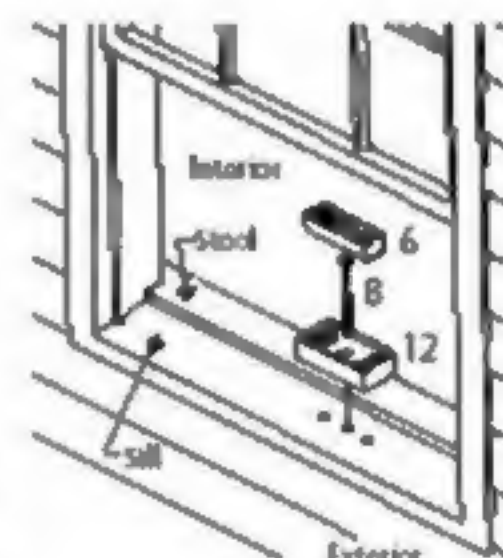


Fig. 2b

- 4) Setting Angle: place angled end of leg flat against underside of body; aligning leg holes with middle holes in side of body; position foot pad of leg flat against exterior surface; slide leg in or out along underside of body and exterior surface until bubble in level is centered Figure 4a; gradually slide leg toward outer end of body until bubble in level moves off center towards you - Figure 4b; align leg holes with closest holes in body and insert -20 x 3 bolt (#14) thru all holes, temporarily securing leg to body; check bubble and if necessary readjust leg one set of holes away from you; unit should now be self-supporting against outside surface with a slight downward tilt - Figure 4c.

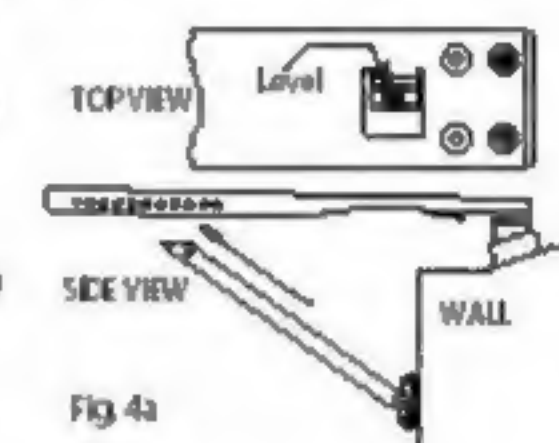


Fig. 4a

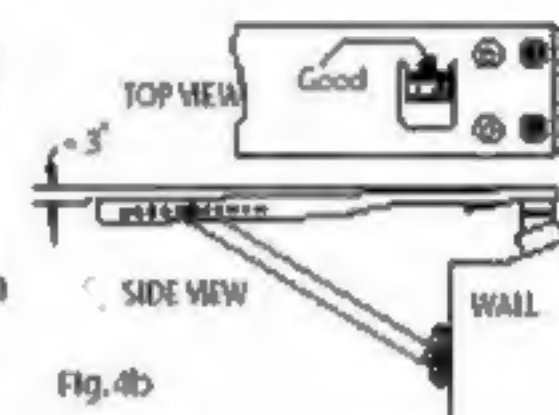


Fig. 4b

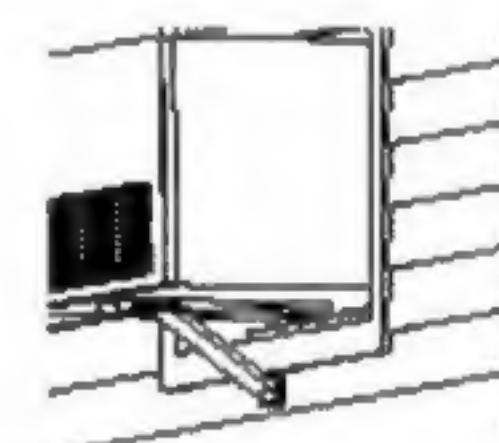


Fig. 4c

- 5) Final Mounting: unfasten pair of blue screws, detaching body and removing spacer combination; tighten leg to body with -20 x 3 bolt -20 (#14) hex nut assembly with two wrenches/sockets; note: do not over tighten - special air craft nut will not work loose; align spacer

combination and body over mounting holes; reinsert blue screws, tighten evenly on both sides, then loosen each blue mounting screw one full turn; be certain foot pad is flatly secured against outside wall; install air conditioner in accordance with manufacturer's instructions.

- 6) Removal: withdraw air conditioner; unfasten pair of blue mounting screws; remove A/C Support and spacer combination; unfasten silver screw and detach block from sill; insert plugs (#16) into open screw holes to prevent moisture damage; fold A/C Support and store with remaining items.